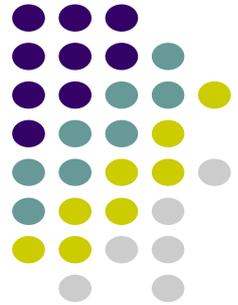


Genesis Integrated Security System

# User Manual

Version 4.0



**Procedures and contacts**

**Installer/Service contact:**

---

---

---

---

**Monitoring company:** \_\_\_\_\_

---

**Monitoring account code:** \_\_\_\_\_

---

**Local police:**

---

**In emergency, contact:**

---

---

---

---

## Table of Contents

PROCEDURES AND CONTACTS .....	2
TABLE OF CONTENTS.....	3
INTRODUCTION.....	4
HOW DO I ??? – A QUICK GUIDE TO FINDING ANSWERS .....	5
REMOTE ACCESS STATION .....	6
THE KEYPAD.....	7
LED LIGHTS .....	7
GETTING STARTED -- ENTERING YOUR PIN.....	8
ARMING AND DISARMING AREAS.....	9
NAVIGATING THE MENU.....	10
RAS PROGRAMMING FLOWCHART.....	11
DISPLAY MENU.....	12
INPUTS MENU.....	14
CONTROL MENU .....	16
USERS MENU .....	18
NEW USER .....	19
CHANGE USER .....	20
DELETE USER.....	20
CHANGE PINS.....	20
REGISTER CARD.....	21
REMOVE CARD.....	21
SUSPEND USER.....	22
PINS MENU – (FOR CHANGING OWN PERSONAL PIN).....	22
SETTINGS MENU .....	23
CHANGE HOLIDAYS .....	24
SET TIME / DATE.....	24
TESTING.....	25
BASIC SYSTEM DESCRIPTIONS .....	30
GLOSSARY.....	32
TROUBLESHOOTING .....	33

## Introduction

The Genesis system is an advanced and fully integrated security system. It not only offers security and access control functions, it is also powerful building automation system in the one product. It is easy to use and with its many features The Genesis system is the leader in innovative security / access control field.

The system can be programmed to function in a number of different ways. The way that your system functions will depend on the requirements of your organisation. This may vary from one site to another.

Your system may not utilise all of the features that are listed in this guide. It should also be noted that some of the features may not be authorised to all of the system users and therefore some of features may not be available to all.

The Genesis is designed to provide you with many years of reliable and carefree operation. However, it is important that the system is regularly tested to ensure that the equipment is operating correctly.

**HOW DO I ??? – A quick guide to finding answers**

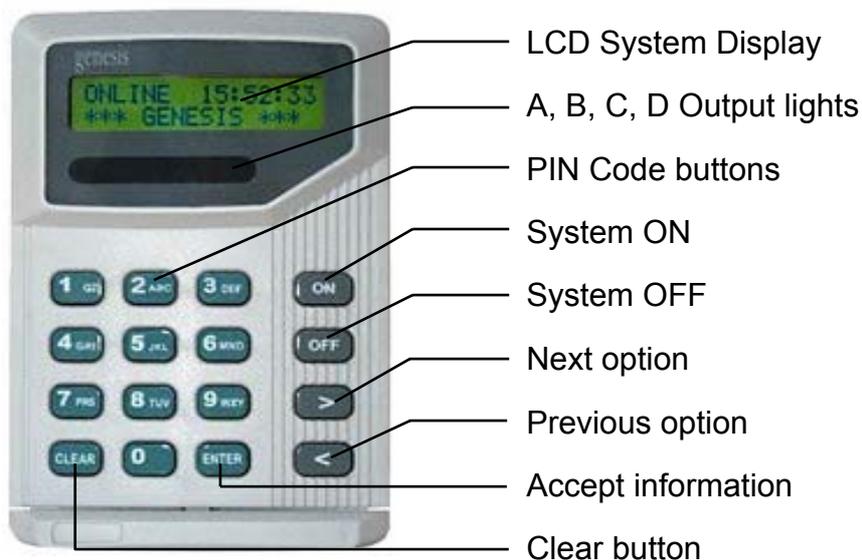
Turn on the alarm.....	9
Open an Access Control Door with the RAS.....	9
Use the menu options.....	10
See what happened last night.....	12
Find an unsealed input.....	14
Isolate an input.....	14
Add a user.....	19
Delete a user.....	20
Change my PIN.....	22
Change the time.....	24

## Remote Access Station "RAS"

The LCD display is where the Genesis system messages are displayed. These messages will guide you through the functions of the Genesis. The functions include the identification of faults, programming functions and other menu options. The display may also show information you have entered on to the system.

The LCD display is 2 lines of 16 characters. The relevant information that you may need to locate can be found using the scroll keys  . The scroll keys can also be used to access menus and to add or delete information as explained throughout this manual.

### "Remote Access Station" layout



## The Keypad

Key	Function
<b>0</b> to <b>9</b> <small>wxy</small>	The numbered buttons on the keypad allow you to enter your PIN or enter information.
<b>CLEAR</b>	This button is used to clear information or cancel an action. If in doubt at any stage, press <b>CLEAR</b> a couple times to exit out of the operation. It is also used to enter the RAS menu
<b>ENTER</b>	button is used to accept information, and to acknowledge messages.
<b>ON</b>	This is used to arm an area, or turn on the displayed option.
<b>OFF</b>	This is used to disarm an area, or turn off the displayed option.
<b>&gt;</b>	The Next button is used to view the next available option on the RAS.
<b>&lt;</b>	The Previous button is used to view the previous available RAS option.

## LED Lights

There are 4 indicator LED lights located just below the LCD display. They are marked A, B, C, and D. These lights can be pre-programmed by the installation Company to indicate system status at a glance. Because these lights can be pre-programmed to indicate a variety of functions you may want your technician to log their meaning, in the table provided below.

Key	Function
LED A	
LED B	
LED C	
LED D	

## Getting Started -- Entering your PIN

No changes or control can be started until the user enters their Personal Identification Number (PIN). There are two possible methods for entering your PIN, depending upon your user number.

### **Users 1-99**

If you have a user number between 1 and 99, you only need to enter your PIN. In fact, you don't need to know your user number.

The procedure is:

- Enter your PIN
- Press **ENTER**

For example, if your PIN is **5609** then you would press:

**5** JKL **6** MNO **0** **9** wxy **ENTER**

### **Users 102 upwards**

If you have a user number above 101, you must enter your user number and PIN.

The procedure is:

- Press **ENTER**
- Enter your user number **ENTER**
- Press **ENTER**
- Enter your PIN
- Press **ENTER**

For example, if you are user **123** and your PIN is **3125** then you would press:

**ENTER** **1** QZ **2** ABC **3** DEF **ENTER** **3** DEF **1** QZ **2** ABC **5** JKL **ENTER**

### **Duress Code Feature**

Genesis has an option to alert your monitoring centre if you have been forced to disarm your alarm system under duress. ie. An intruder has threatened you, and is entering the premises with you under force.

In order to activate the Duress Code, it is simply a matter of incrementing your last digit PIN number by one (1) digit.

ie. If your PIN number is **1234**, your duress code would be **1235**

The duress code will perform all normal system functions, including arming, disarming and entering menus, however it will send a Duress signal to your monitoring centre.

**Note: This function is only available if advised by your Installation Company.**

## Arming and disarming areas

An armed area will be monitored for intruders and generate an alarm. A disarmed area will not monitor its inputs and consequently can be entered without generating alarms. Disarming procedure will depend on how your system is programmed.

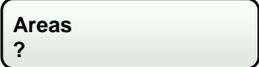
- Each (RAS) controls specific Areas; only these Areas controlled by the (RAS) can be disarmed at that Remote Access Station (RAS).
- Each PIN will only be authorised to Arm/disarm specific areas, when disarm procedure is used; only those areas assigned to the PIN will be disarmed.
- If there is a current alarm condition displayed when you disarm your system, the alarm will reset. To determine the cause of the alarm, use the function keys to determine the *Event History*. Go to page 13 for procedure to view event history.

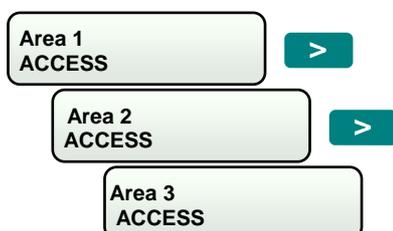
### To control an area:

- Enter your PIN, followed by **ENTER**. The first available area will be displayed.
- Press **<** or **>** until the required area is displayed.
- To arm an area press **ON**. If the area is successfully armed, the remote access station will give a short beep and the description on the second line will change to secure.
- To disarm an area press **OFF**. If the Area is successfully disarmed, the remote arming station will give a short beep and the description on the second line will change to access.

For example, if your PIN is 5609, and you wish to arm area 2, you would press

**5** JKL **6** MNO **0** **9** wxy **ENTER** **>** **ON**

- Use the **<** or **>** keys to navigate through the  menu as follows.



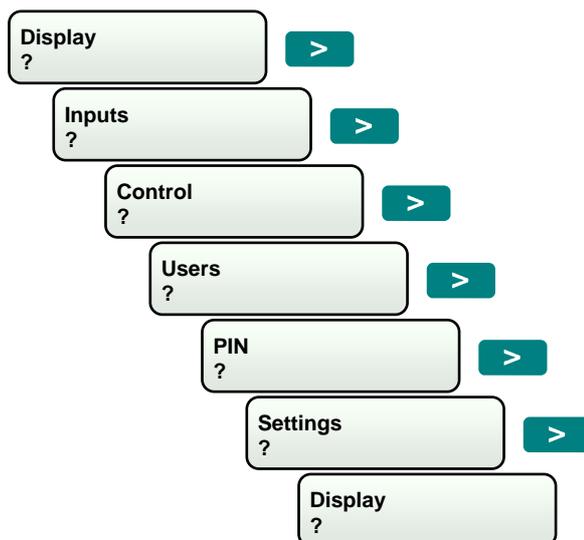
- When the desired menu option is displayed on the RAS, press **ON** or **OFF**

## Navigating the Menu

It is also possible to use the Remote Access Station (RAS) to control other functions of your system, and to interrogate it as to the systems current status. This is done through the use of the RAS menu functions. Users may not have access to some menu functions, depending on the level of access provided to their user number.

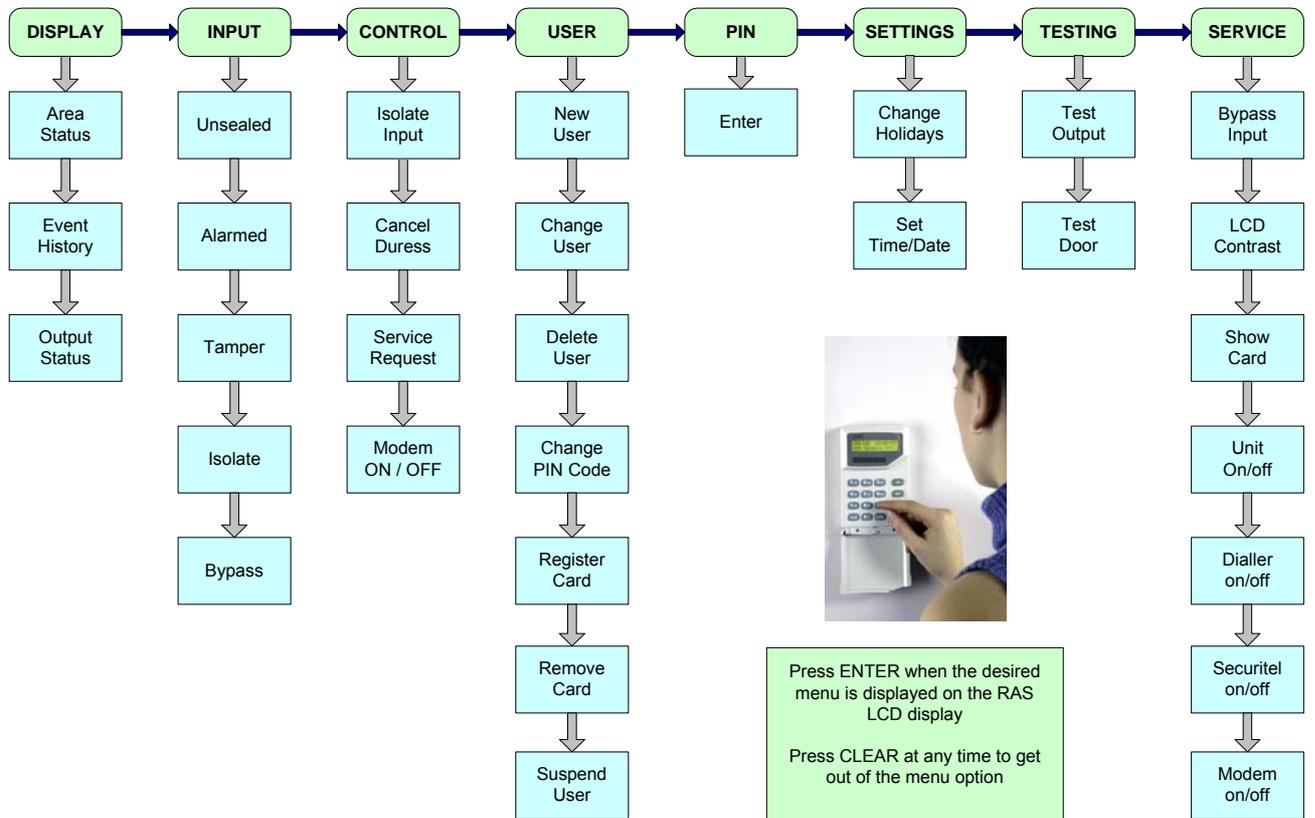
### Enter the Menu

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR**
- The Genesis menu will appear.
- Use the **<** or **>** keys to navigate through the menu options as follows.



- When the desired menu option is displayed on the RAS, press **ENTER**

# RAS Programming Flowchart



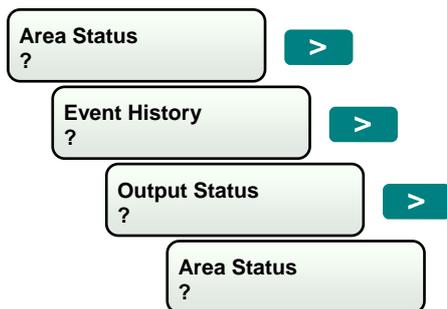
## Display Menu

### Area Status > Event History > Output Status

The Display Menu allows the user to view the status of Areas, to view the system Event Log and to view the status of the systems Outputs.

To view any of these options:

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR** the Genesis menu will appear, with  showing on the screen
- Press **ENTER**
- Use the **<** or **>** keys to navigate through the  menu as follows:



- When the desired menu option is displayed on the RAS, press **ENTER**

## Display Menu (continued)

Area Status  
?

– This option is used to view the current status of the area selected. Use previous **<** or **>** next key to scroll through the areas, allowing you to see their current status.

Once you have the Area status menu appear, press **ENTER** to select the option. You will always see Area 1, or your lowest authorised area appear first.

Event History  
?

– Use the scroll keys **<** or **>** to scroll through a summary of the event log, with each event being time and date stamped.

Use the **9 wxy** key to view the most recent event, and **7 PRS** key to view the least recent event. When the event history is displayed on the menu, press the key **1 OZ** **2 ABC** or **3 DEF** to view the event history. Use the scroll keys **<** **>** to scroll through each of the events allowing you to view more detail on each event. Press **CLEAR** twice at any time to exit completely from the menu currently being viewed.

Output Status  
?

– Use the **<** or **>** keys to scroll through each of the outputs, allowing you to see their current status.

When Output Status is displayed on the menu, press the **ENTER** key to view the output status. Use the scroll keys **<** or **>** to scroll through each of the outputs, allowing you to view the current status.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

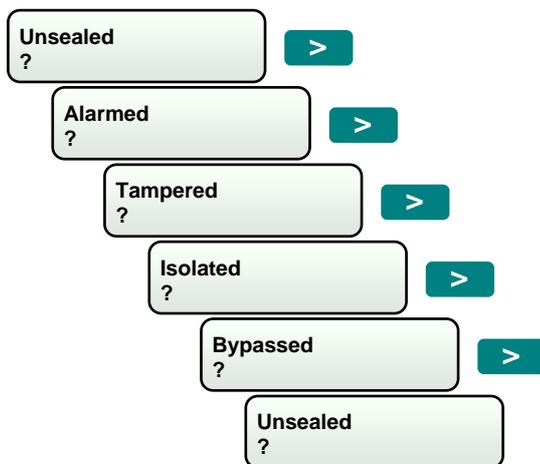
## Inputs Menu

Unsealed > Alarmed > Tampered > Isolated > Bypassed

The Inputs Menu allows the user to view the status of inputs in any of the following conditions; Unsealed, Alarmed, Tampered, Isolated and Bypassed.

To view the status of inputs in these conditions:

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy press **ENTER**
- Press **CLEAR** The Genesis menu will appear, with **DISPLAY ?** showing on the screen
- Use the **<** or **>** keys to select the menu **INPUTS ?**
- Press **ENTER**
- Use the **<** or **>** keys to navigate through the **INPUTS ?** menu as follows:



- When the desired menu option is displayed on the RAS, press **ENTER**

## Inputs Menu (continued)

Unsealed  
?

– Use the < or > keys to scroll through any inputs which are currently in an unsealed condition.

Alarmed  
?

– Use the < or > keys to scroll through any inputs which are currently in an alarmed condition.

Tampered  
?

– Use the < or > keys to scroll through any inputs which are currently in a tampered condition. Tampered inputs should be investigated promptly, as they represent a possible breach of your security. If a tampered input resets, it should be tested to ensure that it will still unseal and alarm when required.

Isolated  
?

– Use the < or > keys to scroll through any inputs which are currently isolated. Isolated inputs will not register as being unsealed, and as such will not cause alarm conditions.

Bypassed  
?

– Use the < or > keys to scroll through any inputs which are currently bypassed. Bypassed inputs will not register as being tampered with, and should be investigated promptly. Inputs should only be bypassed when being serviced by your Service Technician.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

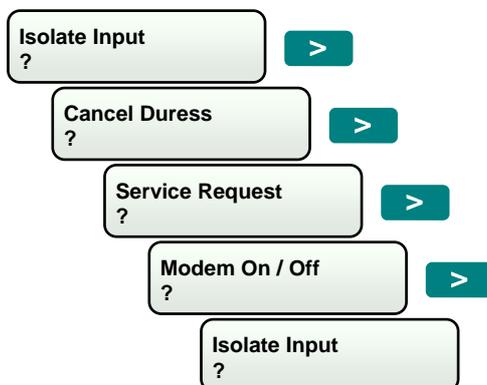
## Control Menu

### Isolate Input > Cancel Duress > Service Request > Modem on/off

The Control Menu allows the user to control several functions including isolating of inputs, cancelling any duress signals and sending a service request signal to your control room.

To use any of the control menu functions:

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR** The Genesis menu will appear, with **DISPLAY ?** on the screen
- Use the **<** or **>** keys to select the **CONTROL ?** menu
- Press **ENTER**
- Use the **<** or **>** keys to navigate through the **CONTROL ?** menu as follows:



- When the desired menu option is displayed on the RAS, press **ENTER**

## Control Menu (continued)

Isolate Input  
?

– Use the **<** or **>** keys to scroll through the inputs until you reach the input to isolate or de-isolate. When the selected input is displayed, press **ON** to isolate, or press **OFF** to de-isolate. Isolated inputs will not register as being unsealed, and as such will not cause alarm conditions. You can direct enter the input number.

Cancel Duress  
?

– If you have accidentally triggered the user Duress code, it is possible to send a Cancel Duress signal to indicate this to a control room. After selecting this menu option, press **OFF** to activate the Cancel Duress function. It is recommended that the user then contacts their control room to verbally confirm this cancellation as soon as possible.

**Note:** This function is only available if advised by your Installation Company.

Service Request  
?

– It is possible to send a signal to your control room to indicate a need for a service technician to attend. After selecting this menu option, press **ON** to activate the Service Request function.

**Note:** This function is only available if advised by your Installation Company.

Modem On / Off  
?

– This option is reserved for installers only. Do not use.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

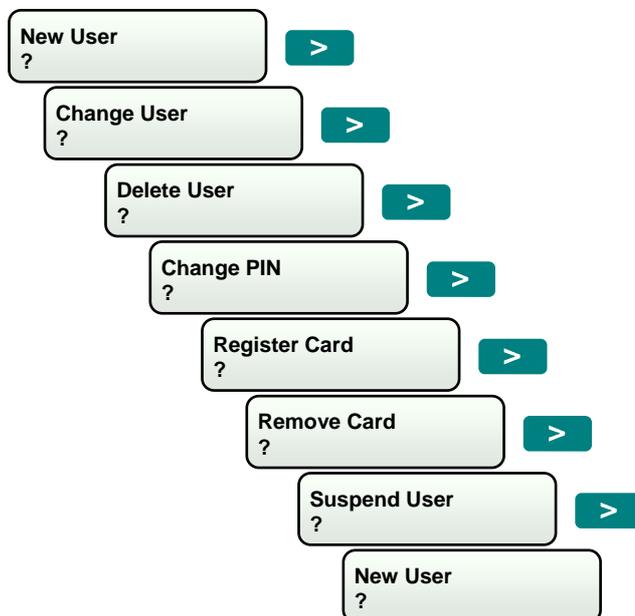
## Users Menu

**New User > Change User > Delete User > Change Pin>  
Register Card > Remove Card > Suspend User**

The Users Menu allows the user complete control who has access to the system through either the RAS's or Card Readers. It includes options allowing the user to add new users, change existing user setup, delete users and to simply change a users PIN number. It also allows the user to assign and remove cards from a user's profile, and also allows the user to suspend a users details.

To access the user menu options:

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR** The Genesis menu will appear, with **DISPLAY ?** showing on the screen
- Use the **<** or **>** keys to select the **User ?** menu
- Press **ENTER** use the **<** or **>** keys to navigate through the **User ?** menu as follows:



- When the desired menu option is displayed on the RAS, press **ENTER**

## Users Menu (continued)

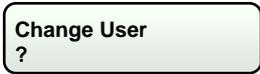
### New User

- After pressing **ENTER**  will be displayed.  
Enter the user number for the new user. Note that this is not the PIN but the actual user number.
- Press **ENTER**  will now be displayed.  
Enter the PIN for this user number.
- Press **ENTER**  will be displayed.  
Use **ON** or **OFF** to change the option if necessary. If turned on, adding one to the PIN will result in a duress alarm. This can be entered into a remote arming station if a person is forced to provide access to an intruder.
- Press **ENTER**  will be displayed.  
Use **<** or **>** to locate the required group. The group determines what areas the user can arm, what doors they can access, and what menus they can use. The group names and descriptions should be supplied to you by your Service Technician.
- Press **ENTER**  will be displayed.  
If an expiry date is required for the users code, enter it in the format of DDMMYY. For example, 23rd January 2012 would be entered as 230112. If no expiry date is required then leave the field blank.
- Press **ENTER**  will be displayed.  
If the user is required to change their PIN, enter the date for the user to change their PIN in the format of DDMMYY. For example, 23rd January 2012 would be entered as 230012. If they can always use the same PIN then leave the field blank.
- Press **ENTER**  will be displayed.  
Use the keypad to enter the user's name. To access the letters, press the key multiple times. For example, to insert a S press **7 PRS** three times. Up to 15 Characters can be entered for the users name. The format "J Smith" for John Smith is recommended as opposed to entering first name only.
- Press **ENTER**  will be displayed.
- Press **ON** you have now successfully added a user to the Genesis System.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

## Users Menu (continued)

### Change User

- Go to the User menu using the procedure described on page 18.
- Press **>** until  is displayed.
- Press **ENTER**
- Make changes to users details as described in the New User instructions on previous page.

### Delete User

- Go to the User menu using the procedure described on page 18.
- Press **>** until  is displayed.
- Press **ENTER**  will be displayed.
- Enter the user number. Note that this is not the PIN but the actual user number.
-  will be displayed.
- Press **ON** the user is now deleted and will not have access to any RAS.

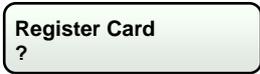
### Change Pins

- Go to the User menu using the procedure described on page 18.
- Press **>** until  is displayed.
- Press **ENTER**  will be displayed.
- Enter the user number. Note that this is not the PIN but the actual user number.
- Press **ENTER** the user name will be displayed.
- Press **ENTER**  will be displayed.
- Enter the users new PIN and press **ENTER**
- The users PIN has now been changed

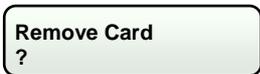
Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

## Users Menu (continued)

### Register Card

- Go to the User menu using the procedure described on page 18.
- Press **>** until  is displayed.
- Press **ENTER**  will be displayed.
- Enter the user ID. Note that this is not the PIN, but the actual user number.
- Press **ENTER**, the users name will be displayed, along with a card number if already programmed.
- Press **ENTER**  will be displayed
- Present the users card to the reader attached to the RAS.
- The cards Facility code and Card number will be displayed on the RAS. Press **ENTER**
-  Will be displayed on the RAS. Press **ENTER**
- The card will now be programmed to the user.

### Remove Card

- Go to the User menu using the procedure described on page 18.
- Press **>** until  is displayed.
- Press **ENTER**
-  will be displayed.
- Enter the user number. Note that this is not the PIN, but the actual user number.
- Press **ENTER** the users name and card number will be displayed.
- Press **ENTER** to confirm that this is correct and remove the card from the user or press **CLEAR** if you do not want to remove the card from the displayed user.
- On pressing **ENTER**  will be displayed.
- Press **ENTER** the card has now been removed from the user.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

## Users Menu (continued)

### Suspend User

- Go to the User menu using the procedure described on page 18.
- Press **>** until  is displayed
- Press **ENTER**  will be displayed
- Enter the user number. Note that this is not the PIN, but the actual user number
- Press **ENTER** the users name will be displayed on the RAS
- Press **ON** to suspend the user, or **OFF** to put the user back in service
- Press **ENTER**  will be displayed
- Press **ENTER** The user will have been suspended

## PINS Menu – (for changing own personal PIN)

The PINS Menu allows the user to change their own user PIN only. It does not allow changes to any other users, or to any of the users settings.

To change your own PIN.

- Enter your PIN **5** JKL **6** MNO **0** **9** wxyz
- Press **ENTER**
- Press **CLEAR** the Genesis menu will appear, with  showing on the screen
- Use the **<** or **>** keys to select the  menu
- Press **ENTER**  is displayed on the RAS
- Enter your new PIN and press **ENTER**  will be displayed
- Press **ENTER** your PIN will now have been updated

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

## Settings Menu

### Change Holiday > Set Time/Date

The Setting Menu allows the user to adjust the current time and date clock in the system, and to also change which days are to be treated as holidays. Holidays are used to override some functions. For example, it is possible to suspend access on holidays, change the hours of operation or do an alternative action.

To adjust either of these options:

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR**, the Genesis menu will appear with **DISPLAY ?** showing on the screen
- Use the **<** or **>** keys to select the **SETTINGS ?** menu
- Press **ENTER**
- Use the **<** or **>** keys to navigate through the **SETTINGS ?** menu as follows



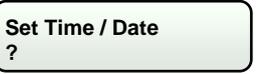
- When the desired menu option is displayed on the RAS, press **ENTER**

## Settings Menu (continued)

### Change Holidays

- Press **ENTER**,  should be displayed
- Press **>** to select either the required holiday or to find a blank holiday
- Press **ENTER**,  should be displayed
- Enter the date in the format of **DDMMYY** where **DD** are the days, **MM** are the months and **YY** are the years. For example, 21st August 2010 would be **210810**
- Press **ENTER**,  should be displayed
- Enter the description of the holiday.
- Press **ENTER**,  will be displayed.
- Press **ON** The holiday is now set.

### Set Time / Date

- Press **ENTER**,  should be displayed.
- Enter the time in the format of HHMM where HH are the hours in 24 hour format, and MM are the minutes. For example, 10:32 am would be 1032. 10:32 pm would be 2232.
- Press **ENTER**,  should be displayed.
- Enter the date in the format of **DDMMYY** where **DD** are the days, **MM** are the months and **YY** are the years. For example, 21st August 2010 would be **210810**
- Press **ENTER**,  will be displayed.
- Press **ON** the date will now be set.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

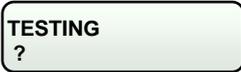
## Testing

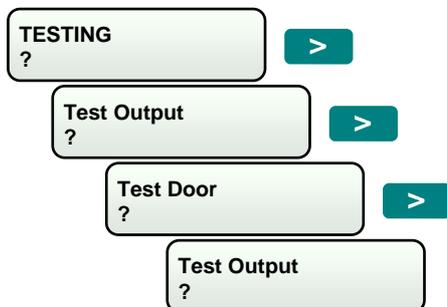
### Test Output > Test Door

#### How to test Outputs

This option is normally reserved for the installers of the Genesis system. Testing option gives you the ability to turn **on and off** outputs and **unlock doors**. To locate TESTING on the menu, use option keys **<** or **>** when TESTING is displayed, press **ENTER** key.

To test either of these options, please follow the example below:  
As an example: If your PIN code is **5609**. Select TESTING menu.

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR** the Genesis menu will appear, with  showing on the screen
- Press **ENTER** when you see the test output option in the TESTING menu.
- Use the **<** or **>** scroll keys to navigate through the relevant output you want to test, the output option is in the TESTING menu.



- Press **ON** or **OFF** to test the relevant output.

#### How to open and close doors using the RAS

TEST DOOR, when selecting this option you are able to OPEN or CLOSE door using the RAS. To select this option, Please follow the example above, test Output Test Door, press **ON** or **OFF** to *Release or Secure* the door:

## Service

**Bypass Input > LCD Contrast > Show Card > Unit On/Off > Dialler On/Off > Securitel On/Off > Modem On/Off**

You are able to bypass inputs, adjust the LCD Contrast of your Keypad (RAS) Identifying User Cards, and Selecting Dialler, Securitel and Modem functions, selecting them to be either **ON** or **OFF**.

### How to Bypass inputs if system cannot be Armed

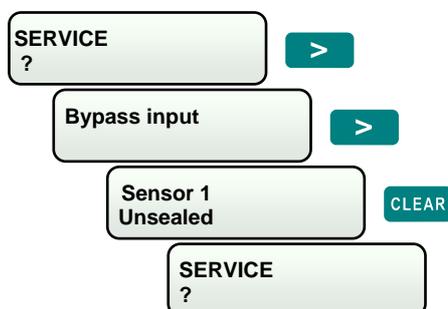
If you are unable to *Arm* your alarm system, one possibility is that one of your inputs is unsealed. For example, your input device is a broken, (example) reed switch on a door or window. The only way to *Arm* a Genesis system is when all the inputs are sealed. Bypassing an input also means that the Genesis system will see a seal on the broken input. The following steps can be used so you can bypass an input and secure the system. This fault should be reported to your system installation Company to rectify this input.

### How to bypass an input

To select this options please follow the example below:

If the PIN Code is **5609**, select the Bypass Input  
In the **SERVICE** menu.

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR** the Genesis menu will appear, with  showing on the screen
- Press **ENTER** when you see the test input option in the SERVICE menu.
- Use the **<** or **>** scroll keys to select the relevant input you want to bypass.



- Press **ON** or **OFF** to bypass the relevant input. You can now arm your system using the procedure on page 9.

## Service

Bypass Input > **LCD Contrast** > Show Card > Unit On/Off > Dialler On/Off > Securitel On/Off > Modem On/Off

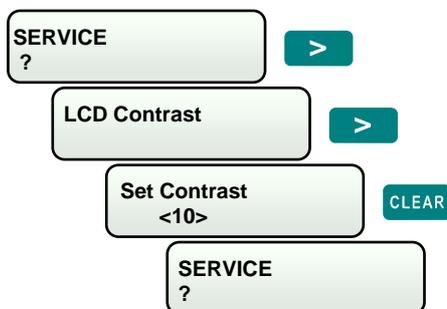
You are able to bypass inputs, adjust the LCD Contrast of your Keypad (RAS) Identifying User Cards, and Selecting Dialler, Securitel and Modem functions, selecting them to be either **ON** or **OFF**.

### How to adjust the contrast of the LCD display

LCD contrast provides the option to brighten or darken the contrast of the LCD keypad display. To adjust the contrast on the LCD display, make the following steps.

If the PIN Code is **5609**

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR** the Genesis menu will appear, with  showing on the screen
- Press **ENTER** when you see the LCD Contrast option in the SERVICE menu.
- Use the **<** or **>** scroll keys to select the desired contrast.



- Press **ENTER** when you select the desired contrast.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

## Service (continued)

Bypass Input > LCD Contrast > **Show Card** > Unit On/Off > Dialler On/Off > Securitel On/Off > Modem On/Off

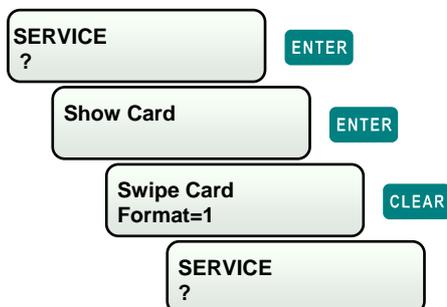
### How to find a card number and site code, using RAS display

If there is a reader connected to your RAS, this becomes a handy option for TECHNICIANS to check what card number and what site code is on the user card.

This option is used when the card is unknown and is not programmed in to the system. To select this option take the following steps.

Example: If your PIN Code is **5609**

- Enter your PIN **5** JKL **6** MNO **0** **9** wxy
- Press **ENTER**
- Press **CLEAR** the Genesis menu will appear, with  showing on the screen
- Use the **<** or **>** scroll keys to select the *show card* on the menu.
- Press **ENTER** when you see the *show card* option in the SERVICE menu.



- When you present the card to the reader both the card number and the site code will be displayed on the RAS LCD display.

Press **CLEAR** twice to exit all Menu's at any time, this will take you back to step 1.

## Service (continued)

Bypass Input > LCD Contrast > Show Card > Unit On/Off > Dialler On/Off > Securitel On/Off > Modem On/Off

### How to send a LAN device online or offline

Unit On/off  
?

This option is reserved for installers only. **Do not use.**

### How to turn off the Dialler

Dialler On/Of  
?

This option is reserved for installers only. **Do not use.**

### How to turn off the Securitel

Securitel On/Of  
?

This option is reserved for installers only. **Do not use.**

### How to turn off the Modem

Modem On/Of  
?

This option is reserved for installers only. **Do not use.**

## Basic System Descriptions

### What are Areas?

The Genesis security system is designed to protect one or more Areas. An area is normally a section of a building which has specific security requirements. The Genesis allows a system to be divided in to 64 areas of different security requirements. Each area is identified by number and name.

For example: **Area-1** may be an Office, **Area-2** Warehouse, **Area-3** House, **Area-4** Garage, etc.

### What are PIN Codes?

PIN codes are personal identification numbers allocated to system users. The PIN codes are used to turn your security areas on and off. The PIN code can also be used to enter or change information in the Genesis. There are two different ways in which the Genesis system will allow users access.

Users 1-99 can have a 4-7 digit PIN code of say 1234 this method is most commonly used as it is only 4-7 digits in length. Alternatively, user 101 and above must have user ID and PIN number, this method offers higher level of security with up to 12 digits required to gain access.

For example: if you are user 123 and your PIN code is 5678. You would need to press

**ENTER** 123 **ENTER** 5678 **ENTER** All users are allowed to operate the Genesis system. Users are allocated names that are chosen by system management, so that Genesis can identify to the operator who is using the system and when. The Genesis system also keeps a log of any user activity which operates the system.

### What is Secure and Access?

Secure and Access means turning a systems Area or group of Areas either On or Off. If the area is in Secure state, it is switched On, or if system is in Access state, switched Off. The Genesis system supports up to 64 security areas, these areas can be Secured individually.

### What are Inputs?

Alarm inputs are provided for connection to various types of intrusion or fire detectors that are installed to activate an alarm when unauthorised access or fire is detected in the area. The inputs all have names, so that the user can identify these inputs connected to specific detection devices.

For Example: Office sensor, Workshop PIR, Door reed, Smoke sensor, etc.

### Isolate and de-isolating Inputs?

It may be necessary to isolate an individual input such as a motion detector or reed switch. This should be done if the input is known to be faulty and the technician can not service your system immediately. Please note that when an input is isolated it cannot generate an alarm, so if the input has been isolated it needs to be serviced immediately to ensure your systems integrity.

## Basic System Descriptions (continued)

### What are Sealed Inputs?

Describes a condition of an input device. SEALED: The input device is sealed, eg. The door or window is closed UNSEALED: The input device is not sealed, eg. the door or window is open ISOLATED: The input device has been isolated and is temporarily rendered inoperative. It is excluded from functioning as part of the system.

### What are Clocks?

The Genesis System has a number of ways to automate and control certain devices or appliances. One of those is through built-in Clocks. There are up to 64 different clocks built-in to Genesis system.

For example: The Clocks can control a number of doors that can be programmed to remain open and allow free access EG, from 9am – 5pm. Lighting can be programmed to come on and switch off at a predetermined times, etc. Clock functions are ideal when utilised with building automation.

### What is On-line / Off-line?

The RAS LCD display indicates if the system device is either ON-LINE or OFF-LINE. The RAS is either operational / not operational, not communicating on LAN network. If Off-Line call service technician immediately

## Glossary

<b>Access</b>	The secured area is disarmed, or the door (electric lock is released)
<b>Area</b>	An area is a group of inputs, typically defined to by their location or function.
<b>Input</b>	An input monitors a detection device to the Genesis system. Each input device is identified by the number and text on the (RAS) display. eg. Hallway sensor, Hold-Up button, Door switch.
<b>Armed</b>	The security system or specific area is armed, (turned ON) secured.
<b>Alarm</b>	Typically an input in an armed area has detected a possible intrusion. An alarm is something that may require an immediate response.
<b>Card</b>	A credential used to identify the user. This could be a proximity card, magnetic swipe card, or even a finger print reader, or other biometric method.
<b>Disarmed</b>	Security system or area is disarmed. The security area will not monitor its inputs. Typically an occupied area will be disarmed.
<b>Duress</b>	When the Duress is activated the user has been forced to enter their PIN to activate Duress. The duress code is one more than the users normal PIN. Duress activation will normally report a silent alarm to the monitoring station.
<b>Isolate</b>	Stops the input from triggering an alarm. An input should only be isolated if it is faulty (and a technician has been notified) or service is being conducted on it.
<b>PIN</b>	Personal Identification Number. The number entered into the RAS to identify the user.
<b>PIR</b>	Passive Infrared Detector is a motion detector that detects infrared energy and movement in a protected area (room)
<b>Reed</b>	Two devices used for monitoring doors and windows. When separated the switch will open to indicate that the door or window is open.
<b>Secure</b>	The security area will monitor all of its inputs. If any input with-in the area is un-sealed, an alarm will be triggered. Typically an unoccupied area will be secured.
<b>Sealed</b>	The area is armed and all inputs are sealed or bypassed, system is ready to be secured.
<b>Tamper</b>	The system has detected that a tamper alarm, control cabinet may be opened or the system cabling has been tampered with. A technician should check the system as soon as possible. A tamper indicates that the system may have been tampered with and may not offer full protection until it is serviced and tamper input is restored.

## Troubleshooting

**Problem: Unable to Arm System**

When the system is being armed with a PIN number and unsealed inputs are being registered on the RAS display. In the event that an input device is damaged and cannot seal or close.

**Solution:**

The input needs to be manually ISOLATED instructions for this area is located on page 17. Go through the steps so you are able to secure your alarm system. You may need to call your installation company to rectify the relevant input devices.

**Problem: You cannot open a Door with your card.****Solution:**

a. Genesis is not only an alarm system, it is also an access control system. Your card may only be allocated to one door. It cannot control other than your specific door (s) allocated to your card. You will need to call your installation company to change your access level if required.

b. It is possible that your card may have been programmed with an expiry date. When the date passes this pre-programmed date, your card will no longer work. Only your installation company or system administrator will be able to reset this function.

User Record Table

#	User Name	Card Number	Access Level
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			

User Record Table (continued)

#	User Name	Card Number	Access Level
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			

**Input Locations Table**

#	Alarm input (zone) locations	Area No
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		





**Genesis Electronics Australia Pty Ltd**

Phone: +61 3 9763 4359

Fax: +61 3 9763 4098

Email: [support@genesiselectronics.com.au](mailto:support@genesiselectronics.com.au)

Web: <http://www.genesiselectronics.com.au>

Factory 3, 2-4 Laser Drive, Rowville, Victoria 3178 Australia

**Distributed by:**

